

What is Claimed is:

1. A detachable swimming pool mattress for floatably supporting a user on a water surface, comprising:

5 a plurality of floatable mattress members, each having two engaging end portions and a mattress surface extending between said two engaging end portions; and

10 at least two spacedly apart frame holders respectively engaging with said two engaging end portions of each of said mattress members in a detachably connecting manner, wherein said mattress members are retained between said two frame holders to align said mattress surfaces of said mattress members to form a floating platform for supporting said user to rest thereon and to float on said water surface.

2. The detachable swimming pool mattress, as recited in claim 1, wherein each of said frame holders has a plurality of engaging slots alignedly formed therealong, wherein each of said engaging slots is shaped and sized corresponding to said engaging end portion of said mattress member such that when said engaging end portions of said 15 mattress members are detachably inserted into said engaging slots respectively, said mattress surfaces of said mattress members are aligned to form said floating platform.

20 3. The detachable swimming pool mattress, as recited in claim 2, wherein each of said mattress members has two retaining grooves transversely formed around said two engaging portions respectively such that when said engaging end portions of said mattress members are respectively inserted into said engaging slots, an inner wall of said engaging slot substantially biases against an outer wall of said retaining groove so as to substantially hold said engaging end portion of said mattress member within said engaging slot.

25 4. The detachable swimming pool mattress, as recited in claim 2, wherein each of said mattress members further has two tapered end having a size gradually reducing from said engaging end portion, wherein said tapered end of each of said mattress members has a size substantially smaller than a size of said engaging slot so as to enhance said engaging end portion of said mattress member to slidably insert into said engaging slot of said frame holder.

5. The detachable swimming pool mattress, as recited in claim 4, wherein each of said mattress members further has two tapered end having a size gradually reducing from said engaging end portion, wherein said tapered end of each of said mattress members has a size substantially smaller than a size of said engaging slot so as
5 to enhance said engaging end portion of said mattress member to slidably insert into said engaging slot of said frame holder.

6. The detachable swimming pool mattress, as recited in claim 1, wherein each of said mattress members has an air chamber and an air valve communicating with said air chamber for retaining a predetermined amount of air therewithin, in such a
10 manner that each of said mattress members is adapted to be inflated through said air valve to retain said mattress surface of said mattress member between said two engaging end portions thereof, and to be deflated for releasing said air within said air chamber.

7. The detachable swimming pool mattress, as recited in claim 3, wherein each of said mattress members has an air chamber and an air valve communicating with
15 said air chamber for retaining a predetermined amount of air therewithin, in such a manner that each of said mattress members is adapted to be inflated through said air valve to retain said mattress surface of said mattress member between said two engaging end portions thereof, and to be deflated for releasing said air within said air chamber.

8. The detachable swimming pool mattress, as recited in claim 5, wherein
20 each of said mattress members has an air chamber and an air valve communicating with said air chamber for retaining a predetermined amount of air therewithin, in such a manner that each of said mattress members is adapted to be inflated through said air valve to retain said mattress surface of said mattress member between said two engaging end portions thereof, and to be deflated for releasing said air within said air chamber.

25 9. The detachable swimming pool mattress, as recited in claim 7, wherein each of said frame holders has an air cavity and an air regulator communicating with said air cavity for retaining a predetermined amount of air therewithin, in such a manner that each of said frame holders is adapted to be inflated through said air regulator to form said engaging slots, and to be deflated for releasing said air within said air cavity.

30 10. The detachable swimming pool mattress, as recited in claim 8, wherein each of said frame holders has an air cavity and an air regulator communicating with said

air cavity for retaining a predetermined amount of air therewithin, in such a manner that each of said frame holders is adapted to be inflated through said air regulator to form said engaging slots, and to be deflated for releasing said air within said air cavity.

11. The detachable swimming pool mattress, as recited in claim 7, wherein
5 each of said frame holders is made of foaming material to enhance a floating ability of
said floating platform.

12. The detachable swimming pool mattress, as recited in claim 8, wherein
each of said frame holders is made of foaming material to enhance a floating ability of
said floating platform.

10 13. The detachable swimming pool mattress, as recited in claim 1, wherein
each of said mattress members is made of foaming material to enhance a floating ability
of said floating platform.

14. The detachable swimming pool mattress, as recited in claim 5, wherein
each of said mattress members is made of foaming material to enhance a floating ability
15 of said floating platform.

15. The detachable swimming pool mattress, as recited in claim 13, wherein
each of said frame holders is made of foaming material to enhance a floating ability of
said floating platform.

16. The detachable swimming pool mattress, as recited in claim 14, wherein
20 each of said frame holders is made of foaming material to enhance a floating ability of
said floating platform.

17. The detachable swimming pool mattress, as recited in claim 15, wherein
each of said frame holders comprises a plurality of elastic binders coupling with each
other and defining said engaging slots therewithin respectively, wherein each of said
25 elastic binders is adapted for applying an elastic binding force on said engaging end
portion of said respective mattress member in such a manner that when said engaging end
portions of said mattress members are respectively inserted into said engaging slots, said
elastic binders binds said engaging end portions of said mattress members to align said
mattress surfaces thereof to form said floating platform.

18. The detachable swimming pool mattress, as recited in claim 17, wherein each of said mattress members has two retaining grooves transversely formed around said two engaging end portions of said mattress member respectively such that said elastic binders substantially bind up said engaging end portions of said mattress members at said 5 retaining grooves respectively to securely retain said engaging end portion of said mattress member with said respective engaging slot.

19. The detachable swimming pool mattress, as recited in claim 18, wherein each of said mattress members has an air chamber and an air valve communicating with said air chamber for retaining a predetermined amount of air therewithin, in such a 10 manner that each of said mattress members is adapted to be inflated through said air valve to retain said mattress surface of said mattress member between said two engaging end portions thereof, and to be deflated for releasing said air within said air chamber.

20. The detachable swimming pool mattress, as recited in claim 18, wherein each of said mattress members is made of foaming material to enhance a floating ability 15 of said floating platform.